

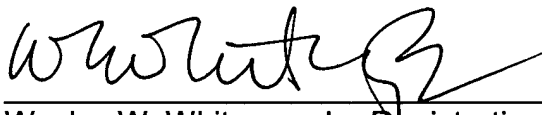
Remarks

Applicant has amended Claims 5, 6, 19, 30 – 32, 34, 39 and 42 – 44, and has cancelled Claims 1, 2, 24, 33, 37, 38 and 40. Applicant respectfully submits that no new matter was added by the amendment, as all of the amended matter was either previously illustrated or described in the drawings, written specification and/or claims of the present application. Entry of the amendment and favorable consideration thereof is earnestly requested.

The Examiner has indicated that Claims 19, 34 and 39 were objected to but would be allowable if re-written in independent form, which Applicant has done.

It is respectfully submitted that claims 3 – 23, 25 – 32, 34 – 36, 39 and 41 – 44, all of the claims remaining in the application, are in order for allowance and early notice to that effect is respectfully requested.

Respectfully submitted,



Wesley W. Whitmyer, Jr., Registration No. 33,558
Steven B. Simonis, Registration No. 54,449
Attorneys for Applicant
ST.ONGE STEWARD JOHNSTON & REENS LLC
986 Bedford Street
Stamford, CT 06905-5619
203 324-6155



New Abstract

A device for non-contact transmission of electrical signals or energy between two parts mobile relative to each other comprising electromagnetic near-field coupler elements on the two parts, wherein the coupler elements on at least one part form a cascade circuit terminated in a manner substantially free from reflection, and each coupler element is an independent resonance system having a resonance frequency higher than a highest frequency of wide-band signals to be transmitted. An alternatively structured device in which each coupler element on one part includes an element that resonates independently and has a resonance frequency approximately equal to the frequency of signals or energy to be transmitted including developments in which the coupler elements operate on differential signals, or analyzer means determine the spacing between the two parts, or at least one part comprises symmetrical lines for supplying differential energy signals to two coupler elements.

Page 11
Serial No. 09/331,226
Response to Official Action

In the Drawings

Please replace Figures 1 – 7b with new Figures 1 – 7b attached hereto on separate sheets.